

## **ABSTRACT**

Sensor arrangement having row and column lines arranged in first and second directions, respectively, sensor arrays arranged in crossover regions of the row and column lines, a detector, and a decoding device. The sensor arrays have a coupling  
5 device for electrically coupling respective row and column lines, and a sensor element to influence electric current flow through the coupling device. The detector is electrically coupled to a respective end section of at least a portion of the row and column lines, and detects a respective accumulative current flow from the individual electrical current flows provided by the sensor arrays of the respective lines. The decoding device is  
10 coupled to the row and column lines, and evaluates at least a portion of the accumulative electric current flows fed to the decoding device via the row and column lines to determine at which of the sensor elements a sensor signal is present.